SHEET 1 of 5

Based on Form PTO/SB/08A (Rev. 04/07); Modified for P&G Use 04/07

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respo Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

	s it contains a valid OMB control number ETE IF KNOWN
Application Number	10/802,166
Confirmation Number	4150
Filing Date	March 17, 2004
First Named Inventor	James Robert Schwartz
Group Art Unit	1616
Examiner Name	Ernst V. Arnold
Docket Number	9184M

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	US-2003/0030042 A1	02-13-2003	Sawada et al.	
	2	US-2003/0044471 A1	03-06-2003	Sakuma et al.	***************************************
	3	US-2003/0215522 A1	11-20-2003	Johnson et al.	
	4	US-2004/0058855 A1	03-25-2004	Schwartz et al.	
	5	US-2004/0191331 A1	09-30-2004	Schwartz et al.	
	6	US-2004/0213751 A1	10-28-2004	Schwartz et al.	
	7	US-2005/0202984 A1	09-15-2005	Schwartz et al.	****
	8	US-2006/0024381 A1	02-02-2006	Schwartz et al.	***************************************
	9	US-2006/0045861 A1	03-02-2006	Bejger, Thomas P.	*****
	10	US-2006/0046943 A1	03-02-2006	Erazo-Majewicz, P.	***
	11	US-2006/0089342 A1	04-27-2006	Gavin et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.1	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁴
	1	CA-1264671	01-23-1990	Naguib, Fatima		<u> </u>
	2	CA-2132170	03-16-1998	Boussetta, Boubaker		
	3	EP-0589047 B1	06-09-1999	Otsuka Pharmaceutical		_
				Co. Ltd.		
	4	EP-0717981 A1	06-26-1996	L'oreal	Abstract Only	
	5	JP-60-174707 A	09-09-1985	Kanebo Co Ltd.		Т
	6	JP-61-236708 A	10-22-1986	Shiseido Co Ltd.	Abstract Only	
	7	JP-6-9352	01-18-1994	Amway Corp.	Abstract Only	
	8	JP-07-053369	02-28-1995	Otsuka Pharma Co. Ltd.	Abstract Only	
	9	JP-02-271915 A	11-06-1990	Mizusawa Industrial		Т
				Chem.		
EXAMINER				DATE CONSIDERED	l	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique criation designation number (optional). See Kind Codes of U.S. Patient Documents as views upper gover a MFEP 901.04. *Patient Office that issued the document, by the two letter code (WIPD Standard ST.3.* for appanese patient documents, the indication of the year of the reign of the Emperor must precede the serial number of the patient document. 'Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST.1. for possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 197 and 198. The information is required to obtain or retain a benefit by the public which is to file (and by the USFTO to process) an application. Confidentiality is governed by 31 USC 122 and 37 CFR 1.11. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USFTO. Time fill very depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chef Information U.S. Thereti and Trademark Office. Department of Commerce, P.O. Box 1450, Alexandria, V.A. 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS 70 THIS ADDRESS. SEND TO: Commissioner for Pattents, P.O. Box 1450, Box 1450, alexandria, V.A. 22313-1450.

IDS PTO-SB08.doc

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE der the Panerwork Reduction Act of 1995

officer the raperwork reduction Act of 1995, no persons are required to res	ond to a collection of information unless	s it contains a valid OMB control number
Substitute for form 1449A/PTO	COMPL	ETE IF KNOWN
	Application Number	10/802,166
INFORMATION DISCLOSURE	Confirmation Number	4150
STATEMENT BY APPLICANT	Filing Date	March 17, 2004
(use as many sheets as necessary)	First Named Inventor	James Robert Schwartz
	Group Art Unit	1616
OVERDO A A A	Examiner Name	Ernst V. Arnold
SHEET 2 of 5	Docket Number	9184M

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.1	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	12	US-2007/0128147 A1	06-07-2007	Schwartz et al.	- Barro (Appear
	13	US-3,326,733	06-20-1967	Colegrove, George	
	14	US-3,958,581	05-25-1976	Abegg et al.	
	15	US-3,960,782	06-01-1976	Daley et al.	
	16	US-4,235,873	11-25-1980	Packman, Albert M.	
	17	US-4,370,325	01-25-1983	Packman, Albert M.	
	18	US-4,654,213	03-31-1987	Ramirez, Jose E.	
	19	US-4,943,432	07-24-1990	Biener	
	20	US-5,120,831	06-09-1992	Pickart, Loren R.	
	21	US-5,202,048	04-13-1993	Bartolo et al.	
	22	US-5,246,489	09-21-1993	Farmer, Douglas A.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.1	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T,
	10	JP-06-256689	09-13-1994	Kajima Corp.		Ť
	11	JP-07-291615 A	11-07-1995	Asahi Glass Co. Ltd.	Abstract Only	1
	12	JP-10-328280	12-15-1998	Lion Corp.		т
	13	JP-10-338521 A	12-22-1998	Nippon Catalytic Chem Ind.	Abstract Only	Ì
	14	JP-11-228368	08-24-1999	Sunstar Inc.		т
	15	JP-11-509220	08-17-1999	Unilever PLC	Abstract Only	
	16	JP-2000-219607 A	08-08-2000	Shiseido Co. Ltd.	Abstract Only	_
	17	JP-2002-515414 T	05-28-2002	Boots Co. Ltd. et al.	Abstract Only	
EXAMINER				DATE CONSIDERED	7	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450. Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERC

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMD correct purples.

persons are required to les	pond to a collection of information unles	is it contains a valid OMB control number
Substitute for form 1449A/PTO	COMPL	ETE IF KNOWN
	Application Number	10/802,166
INFORMATION DISCLOSURE	Confirmation Number	4150
STATEMENT BY APPLICANT	Filing Date	March 17, 2004
(use as many sheets as necessary)	First Named Inventor	James Robert Schwartz
	Group Art Unit	1616
	Examiner Name	Ernst V. Arnold
SHEET 3 of 5	Docket Number	019414

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.1	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	23	US-5,284,649	02-08-1994	Juneja	
	24	US-5,478,501	12-26-1995	Rau, Allen H.	
	25	US-5,580,494	12-03-1996	Sandhu et al.	
	26	US-5,854,266	12-29-1998	Nelson, John D., Jr.	
	27	US-5,965,515	10-12-1999	Rau, Allen H.	
	28	US-6,534,788 B1	03-18-2003	Yeo, Ju-Cheon	
	29	US-6,649,585 B1	11-18-2003	Daute et al.	
	30	US-6,908,912 B2	06-21-2005	Rioux et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.1	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T*
	18	JP-2003-503333 T	01-28-2003	Procter & Gamble et al.	Abstract Only	<u> </u>
	19	JP-2005-524690	08-18-2005	The Procter & Gamble Company	Abstract Only	
	20	KR-1997-010124	03-24-1997	LG Chemical Ltd.		Т
	21	RO-87800 A	08-17-1983	Mirai Intr Prod	Abstract Only	
	22	WO-95/34524 A1	12-21-1995	Exxon Chemical Patents Inc.		
	23	WO-96/10387 A2	04-11-1996	Barton, Stephen		
	24	WO-98/06260 A1	02-19-1998	Capelli, Christopher		
	25	WO-99/21568 A1	05-06-1999	Winthrop U. Hospital		
	26	WO-00/06107 A1	02-10-2000	Procter & Gamble		
EXAMINER				DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through cutation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique craftent designation number optional). See \$100 Concept U.S. Passed Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the documents, the latest that the properties of the p

This collection of information is required by 3T CFR 1.07 and 1.98. The information is equired to obtain or retain a benefit by the public which is to file (and by the USFTO or process) an application. Confidentiality is generated by 3T U.S.C. 122 and 3T CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application of the STFTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Commence. P.O. Box 1450, Alexandra, V.A. 2231-3450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandra, V.A. 2231-3450.

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMME
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		s it contains a valid Olylo control number
Substitute for form 1449A/PTO	COMPL	ETE IF KNOWN
	Application Number	10/802,166
INFORMATION DISCLOSURE	Confirmation Number	4150
STATEMENT BY APPLICANT	Filing Date	March 17, 2004
(use as many sheets as necessary)	First Named Inventor	James Robert Schwartz
	Group Art Unit	1616
UPPM 4 6 6	Examiner Name	Ernst V. Arnold
HEET 4 of 5	Docket Number	9184M

U. S. PATENT DOCUMENTS

EXAMINER	Cite	DOCT TO THE OWNER			
INITIALS*	No.1	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	 				
	_				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.1	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T
	27	WO-2001/051418 A1	07-19-2001	Mizusawa Industrial Chem.	Abstract Only	
	28	WO-02/030367 A2	04-18-2002	The Procter & Gamble Company		
						_
EXAMINER			11	ATE CONSIDERED		_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant;

Applicant's unique citation designation number (optional). "Sex Kinf Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that

This collection or information is required by 37 CFR. 197 and 1.08. The information is required to obtain or retain a benefit by the public which is to file (and by the USFTO or process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR. 14. This collection is estimated to take 2 hours to compilest uncluding gathering, preparing, and submitting the composition of the USFTO. Time will vary depending upon the individual case. Any comments on the the amount of time you are required to complete this form whether the first individual of Office, U.S. Plentri and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA. 22313-1450. DO NOT SEND TEES OR COMPLETED FORMS TO TITIS ADDRESS. SEND TO Commissioner

reprises a sunger claim or segment numer (uptomit). See Kint Codes of U.S. Fatert Documents at www.uspto.gov or MFP 901.04. Enter Office that sixed the document, by the two letter code (WPO Standard ST.3). Tor Japanese patent document, the indication of the part of the region of Emperor must preced the serial number of the parent document. Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST.16 if possible. Application is to place a check-make here if English hanguage Translation is attached.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMER

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control purposes.

The persons are required to les	solid to a collection of information unles	s it contains a valid OMB control number
Substitute for form 1449A/PTO	COMPLETE IF KNOWN	
	Application Number	10/802,166
INFORMATION DISCLOSURE	Confirmation Number	4150
STATEMENT BY APPLICANT	Filing Date	March 17, 2004
(use as many sheets as necessary)	First Named Inventor	James Robert Schwartz
	Group Art Unit	1616
Overen e e e	Examiner Name	Ernst V. Arnold
SHEET 5 of 5	Docket Number	9184M

NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-icsue number(s), publisher, orly and/or country where published	T ¹
	1	AKIYAMA, HISANORI, ET AL., "Effects of Zinc Oxide on the attachment of	<u> </u>
		Staphylococcus Aureus Strains", Journal of Dermatological Science, 17 (1998) pp. 67-74.	
	2	BENNETT, E.O. ET AL, "The Effects of Metals Upon The Inhibitory Activities of	-
		Cutting Fluid Preservatives", International Biodeterioration Bulletin, ISSN 0020-614 18(1) Spring 1982.	
	3	KHATTAR, M.M. and SALT, W.G., "Aspects of the Mode of Action of Pyrithione Against Klebsiela Pneumoniae," Journal of Antimicrobial Chemotherapy, 1993, 5(S1), pp. 175-177.	
	4	KRAVZOV ET AL., Journal of Applied Toxicology, 1993, 13(3), 213-216, Abstract Only.	
	5	LOUER et al., Chemistry of Materials, 1998, 10, 2450-2461.	
	6	McMURRAY, JOHN, Organic Chemistry, 2nd Edition, Brooks-Cole Publishing Company, page 1010 (1988).	
			_
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPT10 process) an application. Confidentiality is government by 37 U.Sc. 122 and 37 LFR 1.41. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the control depitication form to the USPT10. Time will vary depending upon the individual case, you comments on the change of the property out are required to complete this form on the the flatonation Officer, U.S. Patent and Trademark Office, U.S. Department Commerce, P.O. Box 1450, Alexandria, V.A. 22313-1460. DO NOT-SIND FIRSD OR COMMERCED FORMST OT IRIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, V.A. 22313-1460.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.